

and a composition ratio of said thermosetting resin is set to 10 to 40 wt.% of said complex; 3-15

an average particle diameter of said graphite powder is set to a range of 15 to 125  $\mu\text{m}$ , and *Same*

a surface roughness of at least a portion contacting an electrode is set to a range of  $R_a = 0.1$  to  $0.5 \mu\text{m}$  as measured by a surface roughness meter *no  
applicat*

having a probe of a diameter of  $5 \mu\text{m}$ . *Cold mold  
2-10 MPA*

7. (Twice Amended) A method of producing a separator for a fuel cell *mold 20-50 MPA*

*a*<sup>8</sup> configured by molding a complex of graphite powder and thermosetting resin in which composition the ratios are set to 60 to 90 wt. % of graphite powder, and 10

to 40 wt. % of a thermosetting resin, and an average particle diameter of said 85-97 3-10

graphite powder is set to a range of 15 to 125  $\mu\text{m}$ , comprising the steps of: *Same*

cold molding said complex into a shape similar to a final molded *Same*

shape at a pressure of 2 to 10 MPA forming thereby a preliminary molded member;

placing said preliminary molded member in a mold, to mold it into a

final shape by applying a pressure of 10 to 100 MPa. 20-50

setting a surface roughness of at least a portion of said final molding member contacting an electrode to a range of  $R_a = 0.1$  to  $0.5 \mu\text{m}$  as measured by a surface roughness meter having a probe of a diameter of  $5 \mu\text{m}$ . *no  
in  
applicat*